

Date: Fri, 13 Aug 93 22:00:12 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #978
To: Info-Hams

Info-Hams Digest Fri, 13 Aug 93 Volume 93 : Issue 978

Today's Topics:

ARRL DX Bulletin #43 - 13 August 1993
Bootlegger At ARRL N.E. Convention
Cheapest place to mail order a HT?
CW Prosigns (was: -.. ..- -- -...)
DX Bulletin 43 ARLD043
Handhelds on airplane
Handhelds on airplanes
Help in final HT choice
MERCURY Paddles by N2DAN ?
Mobile xmitters and Auto warranties (2 msgs)
Synchronis systems
What is the next group of calls for Techs.?

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Thu, 12 Aug 1993 17:22:42 MDT
From: usc!howland.reston.ans.net!wupost!gumby!destroyer!nntp.cs.ubc.ca!alberta!
nebulus!ve6mgs!usenet@network.ucsd.edu
Subject: ARRL DX Bulletin #43 - 13 August 1993
To: info-hams@ucsd.edu

ZCZC AE69
QST de W1AW
DX Bulletin 43 ARLD043
~From ARRL Headquarters
Newington CT August 13, 1993

To all radio amateurs

SB DX ARL ARLD043
ARLD043 DX news

Thanks to W5KNE, QRZ DX, VP2ML, The DX Bulletin, KK4HF, K2WK, WA2UUK, KE2CG, W2FGD, G0TIW, OH2BUA and the European DX PacketCluster network for the items in this week's bulletin.

IRAN. 9D5CW has been on the 14247 kHz net recently. He has also shown up on CW at 0425z on 14017 kHz. QSL to Najib, Box 24754-154, Tehran, Iran.

CAMBODIA. VS6WV will operate as XU6WV for a week starting August 21. The WARC bands and 80 and 40 meters will be given extra attention.

EGYPT. Buzz, SU1CS, is active most nights on 14247 kHz SSB. QSL via 9K2CS.

TOGO. F9GL still has 5V7WT logs from June 3, 1970 through September 27, 1977, and will help anyone still needing a QSL for this one.

MONGOLIA. JT1CS and JT1/KB9IBZ are planning to be on from JT3 for one week starting August 26. Listen for them on 80 through 6 meters with CW, SSB and RTTY. QSL via JR0CGJ. JT1CC has been worked on the 14226 kHz net at 1616z.

MALAWI. Ely, IN3VZE, will sign 7Q7CE from August 15 through September 10. QSL his home call.

WALVIS BAY. ZS9/DJ0WQ reports their group netting nearly 10,000 QSOs, though only between 200 and 300 were with stateside stations due to poor propagation. He says to check 30 meters around 0630z and 14280 kHz around 1600z.

ALAND ISLANDS. OH2BAP, OH2BEJ, OH2BMY, OH2BUA, OH2KM, OH2KIF, OH2NGS and OH2ZA will operate club station OH2EW as OH2EW/OH0 September 24, 25 and 26. This operation from IOTA EU-002 will be a single station affair on 80, 40, 20, 15 and 10 meters with SSB only. They will be participating in the Scandinavian Activity Contest. QSL to CBA of OH2EW.

PREFIX HUNTER NOTE. According to Guy, KE2CG, the 00 prefix is being used by some Belgium stations through the end of August.

W1AW/4? Yes, W1AW will be signing /4 from the ARRL National Convention in Huntsville AL this weekend. QSL via N4PYD.

THIS WEEKEND ON THE RADIO. The European DX Contest, aka WAE DX test, sponsored by the Deutscher ARC, runs for 36 hours starting at 1200z on August 14. For details check page 110 of July QST.
NNNN

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James J. Reisert Internet: reisert@wrksys.enet.dec.com
Digital Equipment Corp. UUCP: ...decwrl!wrksys.enet.dec.com!reisert
146 Main Street - ML03-6/C9 Voice: 508-493-5747
Maynard, MA 01754 FAX: 508-493-0395

Date: 13 Aug 1993 21:02:31 GMT
From: drt@athena.mit.edu
Subject: Bootlegger At ARRL N.E. Convention
To: info-hams@ucsd.edu

Well, I guess there are no lawyers out there willing to post a more educated guess than mine, so I went to the library and looked up the statutes. (I didn't see anything in the notes about the constitutionality of FCC inspectors charging you with any of this stuff at a ham radio convention, but it's a bit of a thin reed for a defense, IMHO.)

The relevant statute is Ch 47, US Code.

Sec. 301 requires everyone to have a license. Notice that this is statutory, not a mere FCC rule.

Sec. 501 provides for up to a \$10,000 fine or up to 1 year in prison upon conviction of willfully violating Sec. 301, among other things, on the first offense. It's \$10,000 or *2* years for the second offense.

Sec. 502 provides for a fine of up to \$500 per day upon conviction of willfully violating FCC rules. IN ADDITION to penalties under Sec. 501.

Sec. 503 provides for liability for forfeiture of up to \$10,000 per occurrence or \$10,000 per day for a continuing occurrence, up to \$75,000 for one violation on the amateur bands (broadcasters and such face higher fines), for "willfully *and repeatedly*" violating either the FCC rules *or* those statutory provisions *not* listed in Sec. 501*.

Sec. 510 provides that those who willfully and knowingly violate Sec. 301 (among others) can have the government seize all their radio gear.

I'll bet failure to produce a license on demand would trigger this section.

Now, as to crimes and misdemeanors:

18 USC 3581 says that

<=\$1000 fine is an infraction
a \$10,000 fine requires a misdemeanor
<= 1 year in prison requires a Class A misdemeanor
<= 3 years in prison requires a Class E felony

So bootlegging is a crime, a Class A misdemeanor on the first offence, and a felony on second offence. Willfully and repeatedly violating FCC rules (malicious interference, etc.) is a misdemeanor. A rule violation is an infraction.

Of course, all criminal convictions require criminal trials in federal court. I have no idea how the FCC ordinarily handles these things. I'd imagine they're usually free to impose some sort of administrative solution.

So. If I read this stuff right, our favorite bootlegger could have been arrested on the spot and charged with a federal Class A misdemeanor. And her transmitter(s) could have been seized. There were witnesses to her transmission, and probable cause is easy. Conviction or plea bargain likely.

No fun.

Subject to correction by competent authority, of course. I urge you to go look at the laws for yourself.

Side note: I was talking with a friend of mine, wondering why anyone would bother to bootleg on 2m. If you don't ID, no one talks to you. If you do, someone's bound to have a callbook-on-disk, and you'll be found out. "That's easy," she said, "she's using her husband's call."

Probably so.

-drt

--

David R. Tucker KG2S drt@athena.mit.edu

|'Most political sermons teach the congregation nothing except |
|what newspapers are taken at the Rectory.' -C.S. Lewis |

Date: 13 Aug 93 15:43:39 GMT
From: microsoft!wingnut!edmitch@uunet.uu.net
Subject: CHeapest place to mail order a HT?
To: info-hams@ucsd.edu

If you live in a rural area, or anywhere away from the very few big cities that have a ham radio retail outlet, you'll buy retail. In the State of Washington, there are retail ham stores in Seattle and Spokane. For people living anywhere else in the state, mail order is usually the only realistic option. Remember, in the Western U.S. it's hundreds of miles between cities!

Also, if you work 11-12 hours a day like I usually do, I don't have time to go "shopping" so I tend to order most everything mail order since it saves me tons of time.

Oh, you could buy an HT at Radio Shack, I suppose, but that certainly limits your options.

I just ordered an ICOM W2A from Texas Towers for \$439.95. I previously ordered my Tri-Ex tower through them. AES wanted \$499.95 and Ham Radio Outlet wanted \$479.95. According to AES, the IC 24AT has been discontinued by ICOM and AES has sold out of their stock. Other retailers still have the 24AT in stock (Texas Towers was \$379.95, I think) (My wife has a 24AT and I'd highly endorse it as good solid radio).

Ed Mitchell
KF7VY

Date: Fri, 13 Aug 1993 23:28:30 GMT
From: usc!howland.reston.ans.net!darwin.sura.net!news-feed-2.peachnet.edu!umn.edu!csus.edu!netcom.com!dravey@network.ucsd.edu
Subject: CW Prosigns (was: -.. ..- -- -...)
To: info-hams@ucsd.edu

: >by current usage? I hear a majority of folks sending SK at the end, so that

Prosigns are fully defined in ARRL publications. People really should read them if they are uncertain what they mean.

: >OK, a question for all you procedural nuts: when is AR used?

I don't have the books in front of me, but unless my memory fails me (and it wouldn't be the first time!), AR means "end of message" while SK means "end of transmission". So you may use AR at the end of the text you're sending, but really it was intended to indicate the end of a formal message, especially when sending several messages during the same transmission. The SK should ONLY be used at the end of your final transmission to another station.

The use of AR in a CQ is sometimes heard, and I certainly don't think it is any kind of problem, but it IS superfluous, and definitely not the original purpose of the prosign.

W6DBZ

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+-----+
| Don Ravey          dravey@netcom.com          OBJECTS IN MIRROR      |
|                                                           ARE CLOSER THAN THEY APPEAR |
+-----+
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Date: Sat, 14 Aug 1993 02:53:22 GMT
From: swrinde!cs.utexas.edu!math.ohio-state.edu!magnus.acs.ohio-state.edu!
usenet.ins.cwru.edu!news.ecn.bgu.edu!feenix.metronet.com!marcbg@network.ucsd.edu
Subject: DX Bulletin 43 ARLD043
To: info-hams@ucsd.edu

ZCZC AE69
QST de W1AW
DX Bulletin 43 ARLD043

Date: 13 Aug 1993 15:03:55 GMT
From: news.larc.nasa.gov!grissom.larc.nasa.gov!kludge@uunet.uu.net
Subject: Handhelds on airplane
To: info-hams@ucsd.edu

In article <745239098.AA09032@mtlnet.org> Mike.Bracci@f103.n416.z17.mtlnet.org
(Mike Bracci) writes:

>Quoting [Jeffrey] to [All] Subject: [Handhelds on airplanes]

>

> JRL> I have recently flown with my 2m HT in my carry on luggage.
> JRL> I went from Ithaca,NY to RI through Laguardia, NYC. I had
> JRL> no problem at all, and did NOT have to take it out and show
> JRL> anyone. My carryons did go through the xray machine but must
> JRL> have not looked suspicious enough.

>

> That's interesting Jeff, when I left on holiday for Hilton Head, the
> security folks made me PRODUCE a license and prove that it was indeed
> a handheld transceiver. That's in Toronto, and I thought American
> officials were paraniod! :)

The Ithaca, NY airport has two doors. Outside, they are marked "IN" and "OUT," while inside they are marked "GATE 1" and "GATE 2." They are not as careful about security as many other airports, I have to admit... I once gave them a large box of sheet film and told them that it was film and they just passed it without checking it or asking for details. I was quite pleased, myself, since I usually go through a lot of garbage carrying sheet film around. They always want to open up the boxes to inspect it...

--scott

--

"C'est un Nagra. C'est suisse, et tres, tres precis."

Date: Fri, 13 Aug 1993 23:46:56 GMT

From: usc!howland.reston.ans.net!darwin.sura.net!news-feed-2.peachnet.edu!umn.edu!
csus.edu!netcom.com!dravey@network.ucsd.edu

Subject: Handhelds on airplanes

To: info-hams@ucsd.edu

Fred McKenzie (fred-mckenzie@ksc.nasa.gov) wrote:

: If a misinformed security guard gives you a hard time, you must be careful
: not to upset them. I have heard of some cases of people landing in jail
: for fairly innocent things, when they voiced too loud an objection. This
: problem could be extremely serious in a foreign airport.

: Life isn't fair!

Another way to look at this is from the view of the airlines/airport/govt.

1. In these times of terrorism and crazies, is it such a bad tradeoff to inflict a trivial amount of inconvenience, even to a lot of innocent people, to significantly improve the chances of detecting dangerous objects? Sure, you may argue that some actions DON'T significantly improve the chances of detection, but I doubt that we could ever get agreement on that. I, for one, would prefer to be conservative on such safety matters.
2. Is it reasonable to expect airport security (notoriously underpaid and untrained) to understand ANY radio knowledge, much less HAM radio? The airports have to give them simple rules to follow. Remember, they have to watch out for lots of other things besides radios.

W6DBZ

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+-----+
| Don Ravey          dravey@netcom.com          OBJECTS IN MIRROR |
|                                                           ARE CLOSER THAN THEY APPEAR |
+-----+
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Date: Sat, 14 Aug 1993 00:19:23 GMT
From: lever.lever.com!ee@uunet.uu.net
Subject: Help in final HT choice
To: info-hams@ucsd.edu

I'm in my final stages of getting a HT dual bander. My final choices are:

Alinco DJ-580T
ICOM IC-W21AT
Kenwood TH-78a
Standard C558A
Yaesu Ft-530

Beside the regular ham features I also need one thing I can't get from the published specs. I'm in a citizen's patrol that uses a repeater in the commercial band around 460. If I were to do the mod to open up Rx and Tx on the HT I would need to Tx at ~460 and Rx ~465. I don't need or want 800Mz coverage but would like to Rx all the emergency and police bands.

I've been told that the Alinco was not a better radio than the other four and the difference in price isn't critical to me.

I don't know why but the impression I got was that the Kenwood was not cutting edge, contrary opinions welcome.

When I called Yaesu they told me that their VCO would lock up over 460 but that I could get an upgrade (for \$50) that would extend its coverage up to 465. That seems a bit too close to the edge of what I need so I am shying away from it.

ICOM told me that their unit would Tx to about 480 which seemed to have the right amount of margin.

I haven't gotten the information for the Standard yet.

I think it's down to the ICOM or the Standard. Any information or opinions are welcome. Also if there are any other brands or models I should consider.

--

Edward Elhauge -- ee@lever.com -- Lever Industries, San Francisco
"The goal of the working class is liberation from exploitation. This goal is

not reached and cannot be reached by a new directing and governing class substituting itself for the bourgeoisie. It is only realized by the workers themselves being master over production." -- Anton Pannekoek

Date: 13 Aug 93 20:16:21 EDT
From: psinntp!arrrl.org@uunet.uu.net
Subject: MERCURY Paddles by N2DAN ?
To: info-hams@ucsd.edu

In rec.radio.amateur.misc, mohan@tulip (Mohan Pakkurti) writes:

>Hello,
>
>Any one here seen or used the paddles made by N2DAN. I beleive it is called
>MERCURY, and it is sold for about \$400.
>
>I am curious to know about the paddle. So please let me know if you have
>experience with this one.
>

Steve donated a set of these paddles to W1AW. I liked them so much I bought a set for myself. The action is very solid and crisp. I find Bencher paddles too mushy. I tried the British Kent paddles, but the N2DANs feel better. The magnets really do the trick, and the machining is quite good, so the feel is excellent. The weight doesn't hurt either. These paddles don't move around when you use them. For the price, you really have to enjoy CW. If you do, I can honestly say these are the best paddles I've tried, including FYO, Brown Bros and Vibroplex. I haven't tried Schurr paddles.

Well, if THIS doesn't start the mother of all anti-ARRL flame wars, I don't know what will! Gentlemen (and ladies), start your blowtorches! (A photo of me, suitable for mounting on a dart board, appears in the September issue of _QST_. Non members, eat your hearts out!) :+\\

CW Forever.

Jim, KR1S

>Thanks for the info.
>--mohan

>=====

>+ Mohanakrishna Pakkurti	+ mohan@jupiter.cse.utoledo.edu	+
>+ HOME: 2239 University Hills Blvd #204, Toledo OH 43606. Phone:(419)536-9073 +		

>=====

Date: Fri, 13 Aug 1993 15:28:43 GMT
From: swrinde!cs.utexas.edu!uwm.edu!mixcom.com!kevin.jessup@network.ucsd.edu
Subject: Mobile xmitters and Auto warranties
To: info-hams@ucsd.edu

Sorry if this is a regular topic, but I've been away from the net for a while...

I've heard stories of higher power (35 Watts and up) mobile 2-meter and 70cm rigs causing the microcomputer based engine control modules in automobiles to fail. I've also heard that the warranties on these units are void if you have a ham mobile rig in your car. Is this true and if so, which automobile manufacturers?

I have a Honda, a Toyota and am considering the purchase of the Mercury Villager minivan (yes, I'm married and have kids). :-| I'd like to get a couple of mobile rigs but don't want any problems. Currently, I'm just using low power (6 watts max) HTs connected to the cigarette lighter and mag-mount antennas.

Are such "exclusions" actually "in writing" in the warranties?
How can they have such poor resistance to RF?
What is the point of RF entry into the engine control unit? Is it radiated RF or is it through the car's electrical system?

--

Kevin Jessup, N9SQB !politically_correct

The U.S. Constitution defines the rights the people
give to the government, not the reverse!

Date: Sat, 14 Aug 1993 04:13:12 GMT
From: csus.edu!netcom.com!wa2ise@decwrl.dec.com
Subject: Mobile xmitters and Auto warranties
To: info-hams@ucsd.edu

In article <1993Aug13.152843.19874@mixcom.mixcom.com> kevin.jessup
<kevin.jessup@mixcom.mixcom.com> writes:
>I've heard stories of higher power (35 Watts and up) mobile 2-meter and
>70cm rigs causing the microcomputer based engine control modules in
>automobiles to fail. I've also heard that the warranties on these

>units are void if you have a ham mobile rig in your car.

Well, if you do blow up the car's micro, just take the radio out and remove the antenna, and tell the dealer "Gee, it just went and died, fix it".

Maybe using ferrite and routing the antenna coax on a path away from the car's wiring might keep enough RF out of the micro. Besides, if your radio can RFI the car's micro, the car's micro will QRM your radio's receiver

Date: Fri, 13 Aug 1993 19:11:05 GMT

From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!

vixen.cso.uiuc.edu!sdd.hp.com!nigel.msen.com!well!moon!pixar!mongo!

bruce@network.ucsd.edu

Subject: Synchronis systems

To: info-hams@ucsd.edu

|> psr@acsu.buffalo.edu (Strider) writes:

|> : Is it possible to have a system that can transmit and receive

|> : at the same time?

Having both sides transmit and receive at the same time is called "Full Duplex". What we use most of the time is called "Half Duplex", because only one half of the conversation is active at a time. Full Duplex radio systems use two frequencies, one for each side of the conversation to transmit on.

You might have meant can both sides transmit and receive simultaneously on the same frequency when you said "synchronous" That's not practical.

My Alinco DJ-580 dual-band HT will do full duplex cross-band if the operator uses an earphone (to prevent feedback), and keys in the command to make the cross-band receiver operate when transmitting. One party transmits on 2 meters, one on 70 cm. Other dual-band HTs do this as well, I've seen one HT that's built like a phone handset and does full duplex reasonably well without the earphone.

<CBiu7J.MpI@iat.holonet.net>, bwilkins@iat.holonet.net (Bob Wilkins n6fri) writes

|> Next time try the telephone or maybe your local 2meter repeater :)

|> cAVe

|> Bob Wilkins n6fri voice 440.250+ 100p1 san francisco bay area

|> bwilkins@holonet.net packet n6fri @ n6eeg.#nocal.ca.usa.na

Give the beginner a chance. I'm sure you can remember a day when you had naive' questions to ask.

Bruce Perens KD60TD

Date: Fri, 13 Aug 1993 21:45:54 GMT
From: swrinde!cs.utexas.edu!math.ohio-state.edu!darwin.sura.net!news-feed-2.peachnet.edu!concert!unccsun.uncc.edu!jmcoving@network.ucsd.edu
Subject: What is the next group of calls for Techs.?
To: info-hams@ucsd.edu

In article <easu348.745232490@orion.oac.uci.edu> easu348@orion.oac.uci.edu (Andrew Schwartz Parker) writes:

>Does anyone know what the next group of callsigns will be for no-code techs.
>in the U.S. after the KD's are done? I've heard a rumor that it could be NA----
>or that they will just continue with KE----. Just wondering...thanks much.

In the fourth call area, KE4 calls have been issued since around May.
So expect to see KE6 calls before long.

--
John Covington WN4BBJ Internet: jmcoving@mosaic.uncc.edu
P.O. Box 217122 MCI Mail: JCOVINGTON 342-6957
Charlotte, NC 28221-7122 Packet Radio Mail: WN4BBJ @ N7IJI.#CLT1.NC.USA.NA
(704) 537-7653 "Kenneth, what's the frequency?" "I dunno, ask Dan"

Date: 13 Aug 1993 15:01:30 GMT
From: news.larc.nasa.gov!grissom.larc.nasa.gov!kludge@uunet.uu.net
To: info-hams@ucsd.edu

References <CBEp8E.89s@murdoch.acc.Virginia.EDU>, <CBnrnB.AnL@news.iastate.edu>,
<CBny1p.1sA@pica.army.mil>cs.utexa
Subject : Re: Question on Letter/Word Representations

In article <CBny1p.1sA@pica.army.mil> mellis@ramcad.pica.army.mil (Mark Ellis) writes:

>
>ANYWAY, the ATIS said that this was information Kaybek (Kaybec?),
>it didn't sound like Quebec. I called into the tower, and said I
>had no idea what letter Kaybec represented. The controller laughed
>and said that was how he was taught to say "Quebec" at FCC controller
>school. I've heard it occasionally pronounced that way since then,
>but it's rare.

This is the French pronunciation of the name. You'll hear it used
on the air now and then, and I rather prefer it. Of course, I use
"queen" myself for Q...

--scott

--

"C'est un Nagra. C'est suisse, et tres, tres precis."

Date: (null)

From: (null)

--

Marc B. Grant, N5MEI | marchbg@feenix.metronet.com | 214/231-3998 (voice)

P.O Box 850472 | marchbg@esy.com | 214/231-0025 (fax)

Richardson, TX 75085 |

End of Info-Hams Digest V93 #978
